



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Sandberg et al.	Examiner:	Borin
Serial No.:	09/580,156	Art Unit:	1631
Filed:	May 30, 2000	Docket No.:	25812-5-CIP
Title:	ELASTIN PEPTIDE ANALOGS AND USES THEREOF		

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

1. This Information Disclosure Statement is filed in accordance with 36 C.F.R. §§§ 1.56, 1.97 and 1.98. The items listed on the enclosed Form PTO-1449 may be deemed to be pertinent to the above-identified application and are made of record to assist the Patent and Trademark Office in its examination of this application. The Examiner is respectfully requested to fully consider the items and to independently ascertain their teaching.
2. Pursuant to 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made.
3. Pursuant to 37 C.F.R. § 1.97(h), the filing of this Information Disclosure Statement shall not be construed as an admission that the information cited in this Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).
4. Pursuant to 37 C.F.R. § 1.97(b), this Information Disclosure Statement is being filed:

() within 3 months of the filing date of a national application; or

() within 3 months of the date of the entry of the national stage as set forth in 37 CFR 1.491 in an international application;

() before the mailing date of a first Office Action on the merits; or

(x) before the mailing of a first Office Action after filing the request for continued examination under 37 C.F.R. 1.114.

It is believed that statements filed within the foregoing periods require neither a fee nor a certification.

The Commissioner is hereby authorized to charge any additional fees required for consideration of this Information Disclosure Statement, or credit any overpayment to Deposit Account No. 02-2051, identifying our Docket No. 25812-5-CIP.

Respectfully Submitted,

Dated: 8/14/03

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Sheet 2 of 4

Substitute for form 1449A/PTO				C omplet if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	09/580,156
				Filing Date	05-30-2000
				First Named Inventor	Sandberg, et al.
				Group Art Unit	1631
				Examiner Name	Borin, M
Sheet	2	of	4	Attorney Docket Number	
				25812-5-CIP	

U.S. PATENT DOCUMENTS

U.S. PATENT DOCUMENTS					Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
Examiner Initials ¹	Cite No. ¹	U.S. Patent Document	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY		
		Number				
BA	6,025,347		Gubernick et al.	02/15/2000		
BB	5,945,409		Crandall et al.	08/31/1999		
BC						
BD						
BE						
BF						
BG						
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FOREIGN PATENT DOCUMENTS

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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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		Number	Kind Code ² (if known)			
	AA	4,327,078		Charlet et. al.	04/27/1982	
	AB	4,816,513		Bridgman et al.	03/28/1989	
	AC	4,668,476		Bridgman et al.	05/26/1987	
	AD	4,983,382		Wilmott et al.	01/08/1991	
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	AH	4,891,228		Thaman et al.	01/02/1009	
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	AM	4,659,740		Usher	04/21/1987	
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	AR	5,523,291		Janzen et al.	06/04/1996	
	AS	5,648,209		Avrameas et al.	07/15/1997	
	AT	5,736,537		Gubernick et al.	04/07/1998	

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of

4

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Application Number	09/580,156
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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

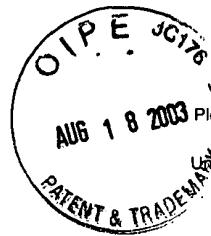
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	BA	Heiber, A.D. et al., Detection of Elastin in the Human Fetal Membranes: Proposed Molecular Basis for Elasticity; Placenta; vol. 18; pp. 301-312; 1997.	
	BB	Gibson, M.A. et al., Further Characterization o fProteins Associated with Elastic Fibre Microfibrils Including the Molecular Cloning of MAGP-2 (MP25); The Journal of Biological Chemistry; vol. 271, No. 2 pp. 1096-1103; Jan. 12, 1996.	
	BC	Price, L.S.C. et al., Valyl-Alanyl-Prolyl-Glycine (VAPG) Sreves as a Quantatative Marker for Human Elastins; Matrix; vol. 13 pp. 307-311; 1993.	
	BD	Blankenship, J.W. et al., Oxysterol Incorporation Into Rat Aorta Resulting in Elastin Compositional Changes; Lipids; vol. 26, No. 5; pp. 381-384; 1991.	
	BE	Sandberg, L.B. et al., Quantitation of Elastin in Tissues and Culture: Problems Related to the Accurate Measurement of Small Amounts of Elastin With Special Emphasis on the Rat; Connective Tissue Research; vol. 25, pp. 139-148; 1990.	
	BF	Sandberg, L.B. et al., Structural Guidelines for an Acceptable Elastin an Tropoelastin: Application Towards Quantitation of Elastin Accumulation in Tissue Culture; Elastin: Chemical and Biological Aspects (Reprinted); pp. 22-24; 1009.	
	BG	Sandberg, L.B. et al., Quantitation of Elastin Through Measurement of Its Pentapeptide Content; Biochemical and Biophysical Research Communications; vol. 136, No.2 pp. 672-678; Apr. 29, 1986.	
	BH	Database CaPlus, AN 108:167920. Bayer et al. Z. Naturforsch., C: Biosci, 42(4), 455-60), Apr. 1987.	
	BI	Hunninghake et al. Science, 212, 925-927, May 1981.	
	BJ	Database Caplus, DN 127:219499. Morrelli et al. J. Pept. Res., 49 (6), 429-499, Jun. 1997.	
	BK	Database Caplus, DN 122:102414. Bisaccia et al. Int. J. Pept. Res, 44, 332-341, Apr. 1994.	

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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